

METAL WINDOW

C O R P O R A T I O N

manufacturers and designers of *Aerodyne* aluminum windows for

RESIDENCES

SCHOOLS

APARTMENTS

MOTELS

PUBLIC & MONUMENTAL BUILDINGS

Members of

Building Contractors Association of California, inc.



*Metal Window Corporation quality
and service are leaders in the field.*

LARGE FACTORY STOCK

MODERN WEST COAST PLANT

PROMPT, RAPID DELIVERY ON ORDERS

CUSTOM DESIGN ENGINEERING SECTION

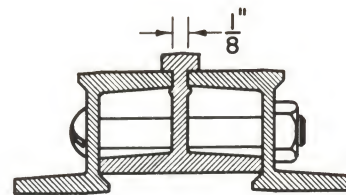
DEALERS IN PRINCIPAL WESTERN CITIES

(OUR 22nd YEAR)

501 SO. ISIS AVE. • INGLEWOOD, CALIFORNIA

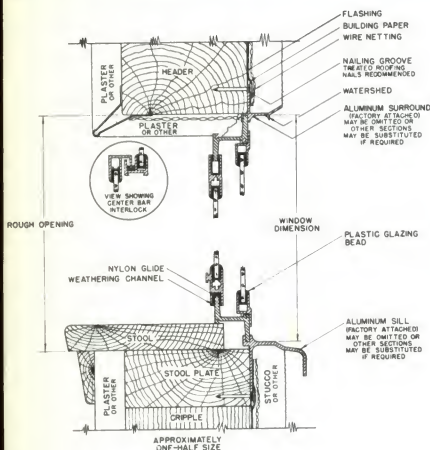
TELEPHONE ORegon 8-2201

INSTALLATION DETAILS



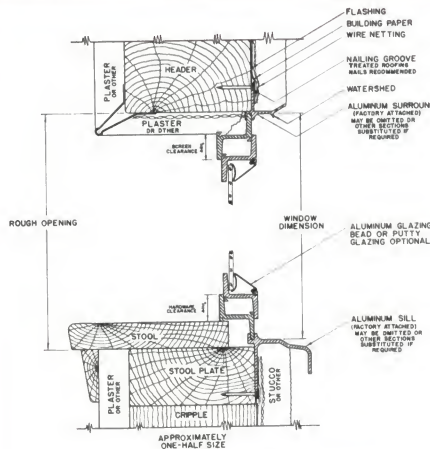
TEE MULLION

To be used only when windows are installed in a flat plane. For windows that are installed at any special angle adjacent to each other (other than 90°) use special angle corner mullion.



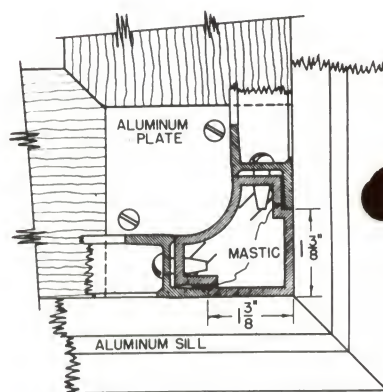
HORIZONTAL SLIDING WINDOW - MARK II

Rough opening should be $\frac{3}{8}$ " wider than window and $\frac{1}{2}$ " taller than window. Minimum header length is $3\frac{5}{8}$ " longer than width of window. Flash rough opening with 6" flashing before installing window.



CASEMENT WINDOW TYPE D

Rough opening should be $\frac{3}{8}$ " wider than window and $\frac{5}{8}$ " taller than window. Minimum header length is $3\frac{5}{8}$ " longer than width of window. Flash rough opening with 6" Sisalcraft before installing window.



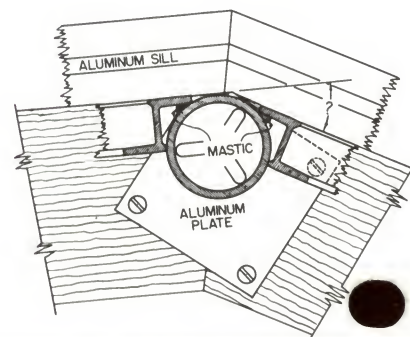
90° SQUARE CORNER MULLION

$3\frac{5}{8}$ " x $3\frac{5}{8}$ " plates at top and bottom. Surround and sill, when used, will be furnished with correct mitre. Coved interior enhances the beauty of this installation.

Dimensions shown are overall size of window only and does not include the width of surrounds. All standard single vent windows are manufactured with left hand opening (as viewed from the outside). If right hand opening is required the letter "R" should be used following the stock number. I.e., 1313R, 2414WR, etc.

Fixed windows (non-opening) may be ordered in all sizes shown by specifying the first two digits only of the stock number, thus: 12, 23, 34W, etc.

Our design permits installation in all types of construction such as frame, concrete block, brick, window-wall or other. Painting is not recommended. If painting is necessary to achieve color harmony, prime aluminum with zinc chromate primer.



SPECIAL ANGLE CORNER MULLION

$1\frac{1}{2}$ " I.D. pipe with 3" x 3" plates at top and bottom. Surround and sill, when used, will be furnished with correct mitre as required.

Yes...

yesterday, today, tomorrow

...METAL

WINDOW CORPORATION

leads the way...

Here at the drafting boards in

our years-ahead plant are the

ideas...the creativeness...

the engineering skill...

all the ingredients

to bring you a necessity

for the home of the present,

but more important,

the home of the future.

YESTERDAY



20 YEARS AGO the beauty, durability, economy, versatility, the ease of installation of aluminum windows was virtually unknown. Architects, engineers, contractors and builders had to settle for inferior material when designing and building. Aluminum was scarce and price was prohibitive.

Today



GOVERNMENT AUTHORITIES recognize the value of aluminum windows. Priced on a competitive basis, aluminum has been specified in base bids with a 15% higher allowance over other type windows.

INDUSTRY uses aluminum. In 1955, 33.2% of all metal windows installed in the United States were aluminum.

ARCHITECTS and DESIGNERS rely on aluminum. More and more, the far-sighted men in the construction industry are specifying aluminum to fill the growing need created by modern styles of architecture.

TOMORROW



Metal Window Corporation will continue to lead the field... always planning ahead with:

- New improvements and developments from the planning and engineering departments.
- Production of standard casement and sliding windows in the large, scientifically designed plant.
- Individual attention to special work in the custom design and fabrication section.

REMEMBER...

always specify *Aero dyne* by METAL WINDOW CORP.



ALUMINUM CASEMENT WINDOWS



SPECIFICATIONS

AERODYNE ALUMINUM CASEMENT WINDOWS AS FURNISHED BY METAL WINDOW CORPORATION TO BE MANUFACTURED FROM 1" STRUCTURAL ALUMINUM (SPEC. 6063T6) 1/8" Z" BAR MEASURING 1/8" OR GREAT.

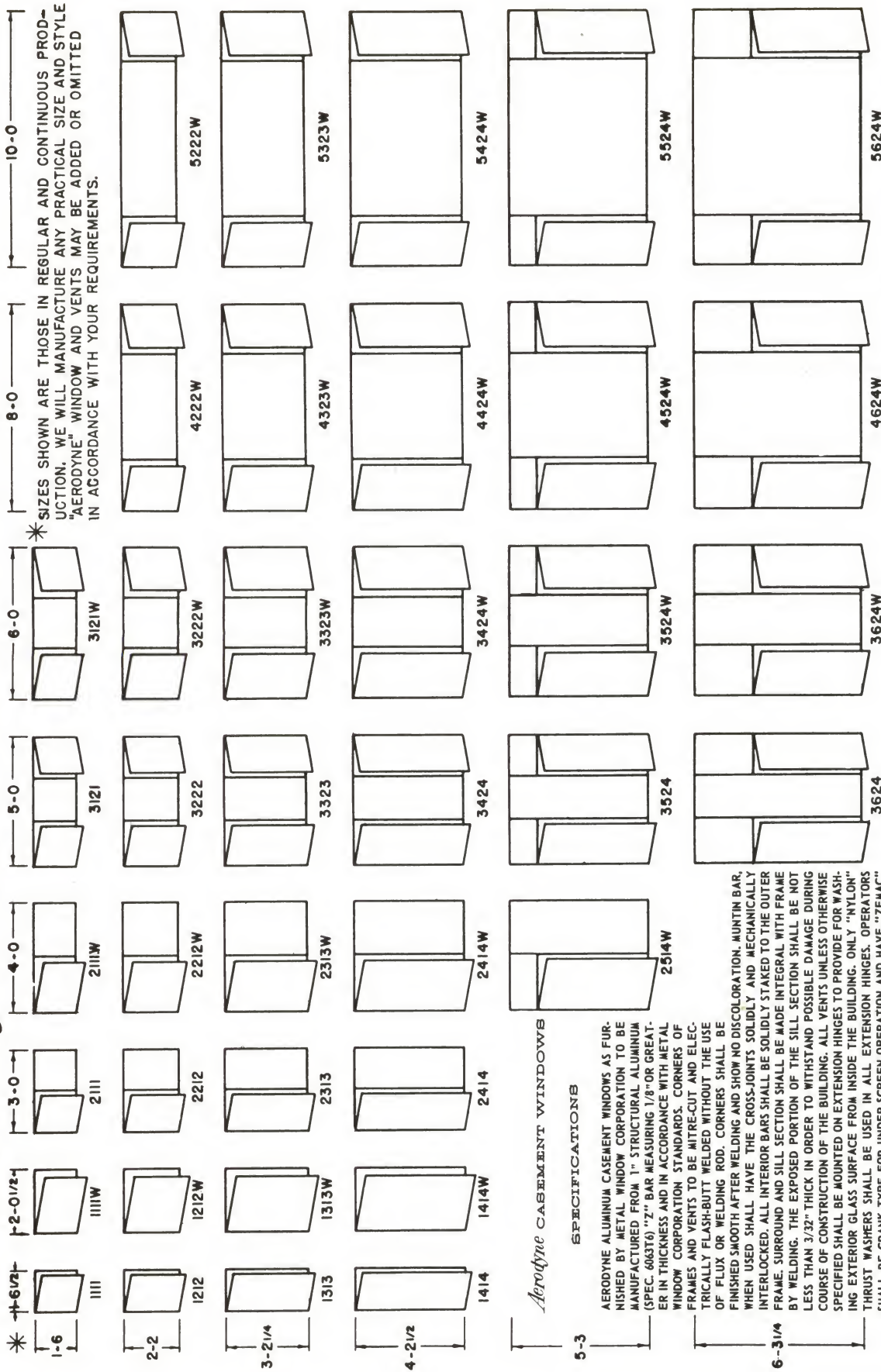
WINDOW CORPORATION. CORNERS OF THE WINDOW FRAME SHALL BE MITRE-CUT AND ELECTRICALLY FLASH-BUT WELDED WITHOUT THE USE OF FLUX OR WELDING ROD. CORNERS SHALL BE FINISHED SMOOTH AFTER WELDING AND SHOW NO DISCONTINUITIES WHEN USED. THE CROSS-JOINTS, SOLID INTERLOCKED. ALL INTERIOR BARS SHALL BE SOLID BARS. SURROUND AND SILL SECTION SHALL BE MADE BY WELDING. THE EXPOSED PORTION OF THE SILL SHALL BE LESS THAN 3/32" THICK IN ORDER TO WITHSTAND ALL VIBRATIONS OF CONSTRUCTION OF THE BUILDING. ALL VIBRATION SPECIFIED SHALL BE MOUNTED ON EXTENSION HINGES. EXTERIOR GLASS SURFACE FROM INSIDE THE BUILDING. CRANK TYPE FOR UNDER-SCREEN OPERATOR SHALL BE "ZEMAC". FLEX-CAST BODY. LOCKS SHALL BE ALUMINUM. FINISH ON INTERIORS AND LOCKS SHALL BE ALUMINUM. DO NOT EXPOSED AFTERSURFACES WHICH ARE EXPOSED AFTER COATING TO PREVENT PLASTER AND STUCCO STATUE SOLUTION SHALL COMPLY WITH F.H.A. BULLETIN UNIFORM CONSIST OF WINDOW, OPERATOR, LOCK AND MASTIC. BE INTERIOR MOUNTED WITH PROVISIONS FOR QUICK REMOVAL. FIBREGLOSS SCREEN CLOTH FALL BE OF TOOL. METAL WINDOW CORPORATION'S.



Aerodyne
ALUMINUM WINDOWS
BY
METAL WINDOW CORPORATION
501 SQ. ISIS AVENUE
INGLEWOOD, CALIFORNIA
OREGON 8-2201

Aerodyne

ALUMINUM CASEMENT WINDOWS



* SIZES SHOWN ARE THOSE IN REGULAR AND CONTINUOUS PRODUCTION. WE WILL MANUFACTURE ANY PRACTICAL SIZE AND STYLE "AERODYNE" WINDOW AND VENTS MAY BE ADDED OR OMITTED IN ACCORDANCE WITH YOUR REQUIREMENTS.

Aerodyne ALUMINUM CASEMENT WINDOWS

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WHY *Aluminum ?*

Aluminum, one of nature's most versatile metals, gives advantages no other type window can provide.

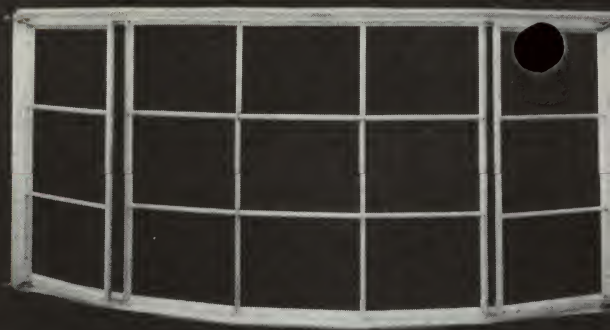
- .. Easy installation
- .. More daylight — narrow frame section
- .. Low upkeep cost
- .. Elimination of unsightly rust streaks
- .. No painting
- .. Frames do not swell or warp
- .. Resistance to dampness and salt air.

WHY *Aero dyne* BY METAL WINDOW?

Quality workmanship, careful fabrication, plus years-ahead design engineering, gives you the finest product available for all construction requirements.

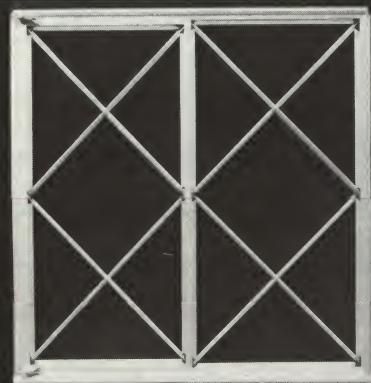
- .. Corners electrically flash-butt welded *without* flux or welding rod.
- .. Corners finished smooth after welding
- .. Muntin cross bars mechanically interlaced and solidly interlocked — *without welding*.
- .. Heavy duty sill to withstand punishment during construction.
- .. Sill amply extended at plaster to protect from rain.
- .. Nylon washer in hinge — self-lubricating, unaffected by elements.
- .. Patented "Easy-clean" finish for protection against lime, mortar, plaster stucco, etc.
- .. Extension hinges to provide access for exterior washing from inside.
- .. Interior mounted screens for easy removal.
- .. Smooth, free action — with Zemac locks.
- .. Compliance with all F.H.A. requirements.

CUSTOM INSTALLATIONS



CURVED BAY WINDOW...

for use where beautiful, panoramic effect is desired. This custom built window, originally designed by Metal Window Corporation in 1947, achieves a beautiful curved effect with the use of flat glass. Frames are bent at each muntin bar. Horizontal bars optional. Furnished in all standard casement heights — widths to suit your specifications.



DIAMOND CUT-UP...

beautiful effect in provincial style architecture. Available in standard M and MW casement sizes. Vent opens right or left... both sides if preferred. Muntins mechanically interlaced and solidly interlocked, to provide extremely rigid construction.



TRANSOM TYPE...

shown with pull-chain operator (optional) Available in a wide range of sizes. Remote control unit manufactured in our plant. Standard 1/4" bead chain, 5 1/2 linear feet furnished with pull-chain operator. Additional length on request. Special sizes provided to fit your specifications when required.

Digitized by



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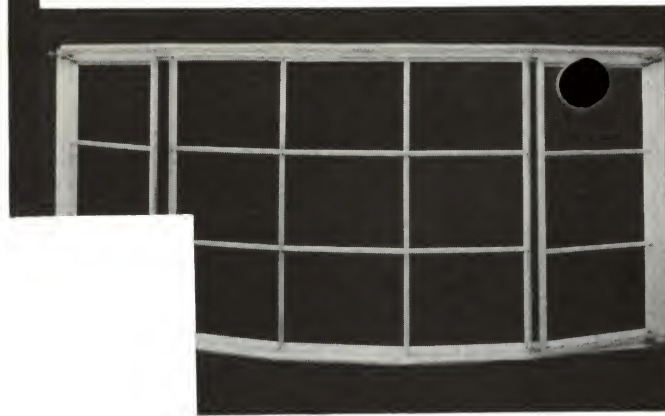
<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

Mike Jackson, FAIA

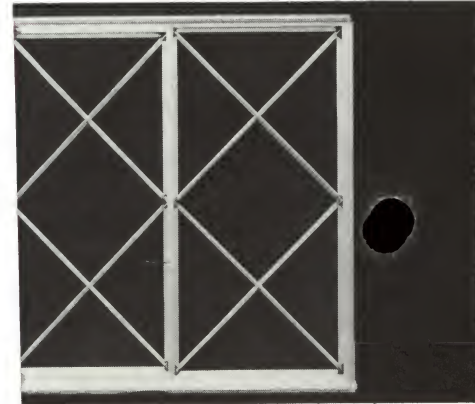
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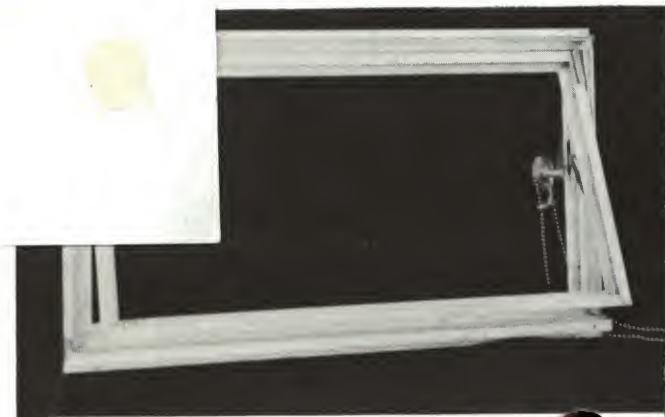
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